



THE RARA RAG

Newsletter of The Rochester Amateur Radio Association, Inc.
Founded in 1931

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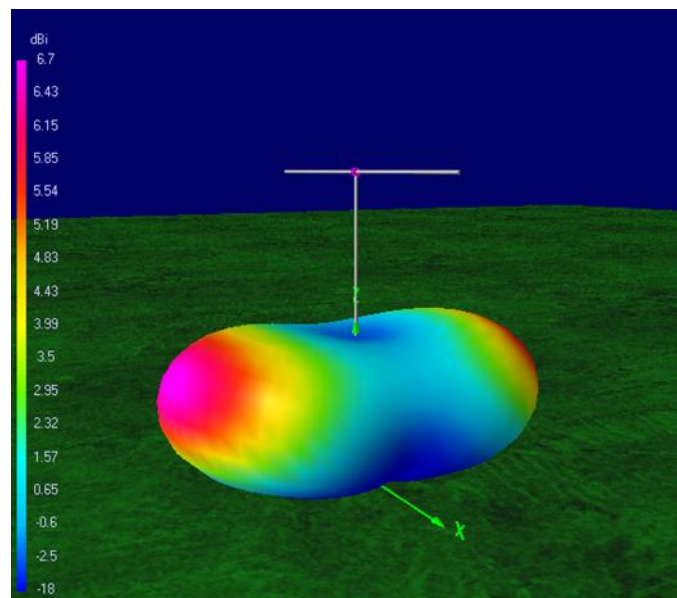
ANTENNA MODELING

TIM BARRETT, K9VB, RARA VICE PRESIDENT

Into the throws of fall and back to school. As such, we are kicking off our first presentation in the fall as an introduction to a series of RARA Academies on antenna modeling. For many, just the magic of the antenna intrigues and mystifies; others have a pretty good idea of the dos and don'ts and what generally works. Ever wonder, "Is there a way to look at my antenna performance in the scope of my property or working space?"

Following our general meeting, Mike Sanchez, KM2B, will be giving an introduction to antenna modeling. For those that are interested, a number of RARA Academies on the subject will follow. Contact education@rochesterham.org to get a spot on the online sessions.

Mike started in radio in 1974 with a Radio Shack TRC-30A 23 channel crystal radio and a Radio Shack vertical. It enabled him to talk to friends on winter evenings after chores on their rural farm in East Texas. He and many of his friends put up systems on the 27 MHz band. They were not allowed on the party line phones of that period, and none of them knew anything about Amateur Radio, so they communicated using Citizens Band. Mike was originally licensed for Amateur Radio in 1993 as N2UJN. Unfortunately, his license lapsed, then expired. He re-tested for Technician in October 2012, General in November 2012, and finally Extra in October 2013. He is also accepted as an ARRL VE for supporting the Amateur Examinations in November 2013.



In person attendees will be able to participate in the raffle, as well as treats and the swap table.

Please join us on Wednesday, October 5TH, 2022, 7:00PM at the Boy Scouts Headquarters at 2320 Brighton Henrietta Town-line Road, Rochester, New York 14623 or online by registering at:

<https://attendee.gotowebinar.com/register/5107329793415214094>

K2JD

N2EH

W2EOC

RARA



BOARDZ BUZZ

SCOTT THEIS, W2LW, RARA PRESIDENT

I want to thank everyone for having confidence in me to lead the club. It is an honor and I hope to be a good steward. I would also like to thank everyone who attended the Annual Business Meeting; we not only reached a quorum but exceeded it by almost 20 members.

Tim Barrett, K9VB, did a wonderful job as president for the past two terms and I am glad he is here as Vice President and Membership Secretary.

Our Mission

Let us look at our core mission statement (found at [RaRa Mission Statement](#) on the web):

Provide value to the community, (FCC Part 97.1.a) "focuses services as a voluntary noncommercial communication service, particularly with respect to providing emergency communications."

We perform a reasonable amount of communications work through the efforts of our Public Service Coordinator, Mike More, KC2NM — but we are always looking for more. COVID added a challenge by changing the public service landscape. Are there more events for which we could provide communications? If you know of one or two, reach out to Mike.

So far as emergency communications, I believe there is more we could do as a club. I believe we should consider exploring this further in the upcoming year.

Promote scientific education and knowledge of radio engineering and communication skills by facilitating the exchange of information, improving individual operating efficiency and strengthening the welfare of amateur radio in the community.

We have been doing reasonably well in this area, but there is always more we can do.

Presently, we fill this task through: General Meeting Presentations, RARA Academy Sessions, Elmers' Corner Sessions, License Classes, License Testing, CW Classes/Practice, and Education Grants.

We have been looking for an Academy Coordinator for some time. Our Education Coordinator, Karl Heinz Kremer, K5KHK, has been filling the position along with all his other duties. I would like to expand our operating activities to help the newly minted hams as well as give folks the chance to operate and share experiences. I think we can setup two events for the spring, but it would be helpful to have one or two coordinators. You would also receive a lot of help setting up and tearing down.

Finally, many of us are newbies (even the more seasoned of us) while many are experienced (perhaps experts!). How do we transfer some of that knowledge? Share it! *Encourage camaraderie by providing a forum for members to meet and exchange information, share experiences, and socialize with one another.*

This goal is naturally satisfied by doing a good job with the previous two goals.

A few years ago, we had an objective to make the club friendlier. We had a greeter and a special table at our general meetings. We should bring that back (another victim of COVID).

We can all make an effort to reach out to unfamiliar faces at events and meeting and foster learning and having fun with the hobby. One thing we miss with our online services, is the ability of participants to interact either before or during the meeting break. Any ideas?

Going forward, I believe we must create clear and detailed initiatives to achieve the goals of our mission statement.

Our Resources

Aside from assistance from other clubs, we have two main resources: *people* and *money*.

As I and many others have said before *members* (i.e., *you*) are the ones that make the difference. What the RARA Board needs to do is give you the help and guidance to get the job done. With the help of our members, we can define our initiatives and put our efforts into providing the services that are the most impactful and meaningful to our club and to the wider community.

As for the second resource, a question was raised at the Annual Business Meeting about "losing money" (more like depleting cash). We are a non-profit established for the benefit of the members, ham radio, and the larger community. While setting up events like the hamfest, we have not been looking at such events as fund-raising opportunities. Perhaps we should.

More money potentially means we have more resources to apply to achieving our goals. There are also outside forces such as inflation and a contracting economy that raise concerns about having our cash kitty slowly eroded. We would like to establish a budget committee to help formalize and direct our monetary resources.

If you have any questions, ideas, comments, or concerns, feel free to reach out at president@rochesterham.org. If you would like to volunteer, visit our club officers page <https://www.rochesterham.org/officers.htm> which lists all the various departments. Jump in, get your feet wet!

CALENDAR OF EVENTS

WEDNESDAY OCTOBER 5, 2022 - RARA Meeting In Person and On-Line
7:00 PM - AT THIS LINK
<https://attendee.gotowebinar.com/register/5107329793415214094>

THURSDAY OCTOBER 6, 2022 - RARA Board of Directors Meeting
6:30 PM - ONLINE
Email request for link to secretary@rochesterham.org

Membership – Time to Renew!

- RAG Circulation ~5,000
- RARA Membership ~550
- RARA is the 6th largest ARRL affiliated club
- **Let's make it the largest!!**
- Renew or join [here](https://membership@rochesterham.org)
- If you have a problem renewing, please email us at:
membership@rochesterham.org



**Annual Memberships Expired
September 30th**



EDUCATION

Karl Heinz Kremer, K5KHK, Education Coordinator

RARA LICENSE COURSES

Karl Heinz Kremer, K5KHK, License Class Coordinator

Our Technician license class started on Sept. 13. Unfortunately, we did not find enough students to run a General license class. If you are interested in taking a class in the future, please send an email to education@rochesterham.org, and we will put you on the list.

New Technician Question Pool

As I've mentioned before, since July 1st, all Technician license exams are now using the new question pool, which means that you need the 5th edition of the ARRL License Manual to study for the test. The 4th edition, which we've used before does not cover the new test.

License Manuals

The current editions of the Technician, General and Amateur Extra license manuals are available to our members at a discount for \$25. For this discount, we unfortunately cannot deliver, and you would have to pick up the manual. If you are interested, please send an email to education@rochesterham.org

I usually have some license manuals with me at official RARA events (e.g. the monthly meetings).

RARA ACADEMY

We have some exciting news: Our RARA Academy sessions are back. One of our favorite topics for both RARA Academy and Elmers' Corner are antennas. A great way to understand antennas is to simulate them. We will offer a four-session hands-on class about antenna modelling with the 4NEC2 antenna mod-

eler and optimizer software. Mike Sanchez KM2B will teach these topics:

- Building 20m HF Dipole in 4NEC2 and analyzing results
- Introduction to using Variables and their power in 4NEC2
- Building an HF 20m quarter wave antenna elevated antenna with four elevated radials

All sessions will be held online, using Zoom. More details will be published once they become available. If you want a head start, you can download 4NEC2 here: <https://www.qsl.net/4nec2/>

The four sessions will be on Oct. 8, Nov. 12, Dec. 10 and Jan. 14 at 10:00 a.m. via Zoom. If you are interested in attending, please register via an email to education@rochesterham.org

We are still looking for input into what our next Academy session should cover. To make it easy for our members to provide such input, we created an online survey. Please go to <http://tiny.cc/RARAAcademySurvey2022> and fill out the survey. If this short link should not work, you can also use this link: https://docs.google.com/forms/d/e/1FAIpQLSfe_RvJyAfc2BidWxePLvK1r_CjQoS1PV0Ua6m2zETiyPa-w/viewform

And even though we may have found somebody who is willing to take over the organization of RARA Academy sessions, we are always looking for volunteers. If you want to be more active in the club and could see yourself as somebody to take on small (or large) tasks, please talk to one of our board members.

RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ

Rich Bishopp, KD2UBJ

Elmers' Corner Coordinators

October 1st is our next Elmers' Corner. Last month we had discussions ranging from Solar storms and HF propagation to long wire baluns. We talked about noise reduction and tuners, we even got to help out one of our hams with his home shack antenna set up.

If you would like to view a recording of the September Elmers' corner, just let me know and I will send you a link.

Zoom is easy and available for everyone. Grab a cup of coffee (or what ever you like) and join us. We talk about everything and anything radio related. Bring your questions, your tips and tricks, or just come and join in the conversation.

The Elmers' Corner happens the 1st Saturday of every month, September – May, 10am-12pm. But if you have a question or need help before then, just let us know. Reach out to us at any time at elmerscorner@rochesterham.org, we will do our best to find the right Elmer to answer your question.

October ELMERS' CORNER

October 1st, 10 a.m. to 12 p.m.

Join Zoom Meeting

[https://us02web.zoom.us/j/83484674667?](https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09)

[pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09](https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09)

Meeting ID: 834 8467 4667

Passcode: 786545

One tap mobile

+16465588656,,83484674667#,,,,*786545# US (New York)

+13126266799,,83484674667#,,,,*786545# US (Chicago)

Dial by your location

+1 646 558 8656 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US (Washington DC)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

Find your local number: <https://us02web.zoom.us/u/kiOoVkCMY>

MORSE CODE TRAINING

DAVE WILSON, WA2HOY, RXCWG COORDINATOR

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

BEGINNERS MORSE CODE ZOOM CLASSES

Peter Fournia, W2SKY, hosts Morse Code classes on Thursday evenings 7pm.

No experience required.

Join the group at any session.

Register at: pfournia@gmail.com

MORSE PRACTICE FOR ALL LEVELS ON ZOOM

Tim Brown, WB2PAY, hosts code practice for all levels on Thursday evenings at 7:30pm.

Register at: tjbrown@rochester.rr.com

Those wanting to start into CW QSOs and Morse Code can schedule coaching sessions on Zoom. Contact Peter Fournia, W2SKY for further details.

W1AW - <http://www.arrl.org/w1aw-operating-schedule>

W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri
9 AM		Fast	Slow	Fast	Slow
4 PM	Fast	Slow	Fast	Slow	Fast
7 PM	Slow	Fast	Slow	Fast	Slow
10 PM	Fast	Slow	Fast	Slow	Fast

SLOW - 5, 7 1/2, 10, 13 and 15 wpm

FAST - 35, 30, 25, 20, 15, 13 and 10 wpm

FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555

RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Dave Carlson	N2OA	Batavia	kdcarlso@gmail.com
Lawrence Hill	N2AJX	Henrietta	lawrence.hill@rit.edu
Rich Hoffarth	K2AXP		rhoffarth2000@yahoo.com
Bill Kasperkoski	WB2SXY	Pittsford	wb2sxy@gmail.com
Don Kiser	AC2EV	N Greece	dkiser100@gmail.com
Karl Heinz Kremer	K5KHK	Chili	k5khk@khk.net
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		mikemoore@ieee.org
Peter Schuch	WB2UAQ	Perinton	pschuch@rochester.rr.com
Forest Shick	WA2MZG	Webster	fshick3@gmail.com
Dave Timmons	W2DST	N Greece	dstimmons@gmail.com
Steve Verzulli	KA1CNF		verzulli@yahoo.com
Dan Waterstraat	W2DEW	Henrietta	higreen@rochester.rr.com

CW ELMERS

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	w2ned@frontiernet.net
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Pete Fournia	W2SKY	Penfield	pfournia@gmail.com
Bill Hopkins	AA2YV	Brighton	whopkin4@naz.edu
Bob Karz	K2OID	Webster	rkarz@rochester.rr.com
Joe Rowe	AG2Y	Webster	ag2y@rochester.rr.com
Harry Williams	KF2TV	Kingsland, GA	harryw7872@gmail.com

PROFESSOR'S PIC(k)s

JEFF SONSTEIN, WA2RRB



August 9, 1991

First E-mail Sent from Space

Using a Mac Portable aboard the Space Shuttle Atlantis, the first e-mail from space is sent to Earth. Two astronauts on the spacecraft, James Adamson and Shannon Lucid, wrote, "Hello Earth! Greetings from the STS-43 Crew. This is the first AppleLink from space. Having a GREAT time, wish you were here,...send cryo and RCS! Hasta la vista, baby,...we'll be back!" The message was transmitted to the Johnson Space Center in Houston, Texas.

DRAM THERMAL ISSUES

OCTOBER RAFFLE PRIZES

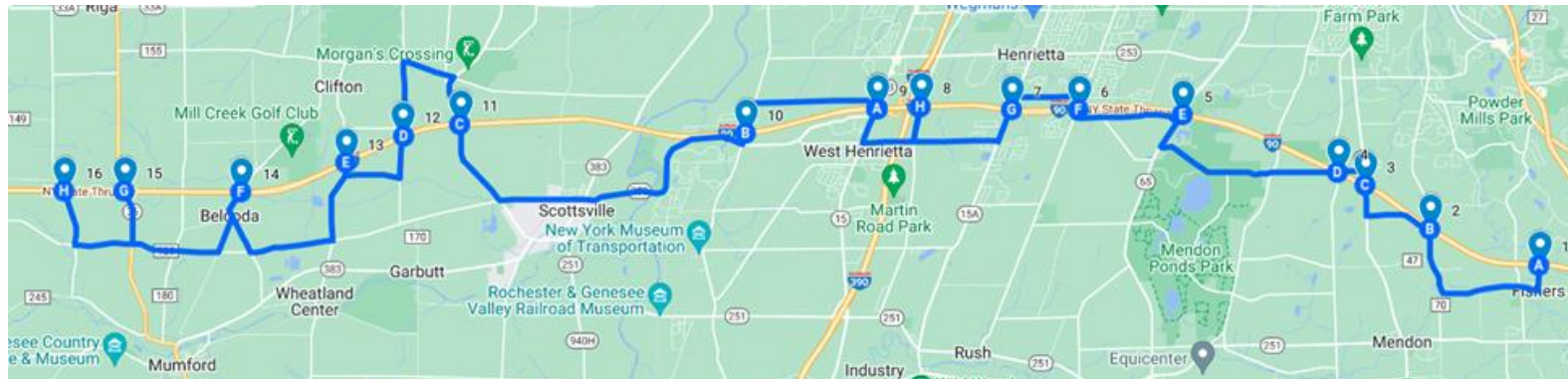
- Dummy Load
 - Heat Shrink Assortment
 - Broadcast Band FM Radio Kit
 - Heil Sound T Shirt (XXL)
 - Heil Sound Tote
- Coming in December**
- Yaesu FT-4X



Reprinted Courtesy March 1938 QST

PUBLIC SERVICE REPORT

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR



Our Pumpkin Patrol event captain, Ed Wilkonski, K1EM, is preparing for this year's event. We will again monitor the 16 bridges crossing the New York State Thruway located in Monroe county. The dates for this statewide event are Sunday, Oct. 30, and Monday, Oct. 31. Operation will begin just after sunset and will conclude before midnight. Pumpkin Patrol provides an excellent training opportunity to practice a roll-call net. This event is our longest-running Public Service event and is in need of additional volunteers. We are expecting a visit at our October meeting by an NYS trooper, and he will underscore the importance of this event. For more information or to register to participate see our Public Service page at https://rochesterham.org/public_service.htm or contact Ed Wilkonski wingstwofly@rochester.rr.com.

Remaining events in the public service calendar are listed in the following table. Visit https://rochesterham.org/public_service.htm for more information and to volunteer.

Please mark your calendars for our upcoming RARA Public Service Events

Event	Location	Day	Date
Pumpkin Patrol	Bridges of NYS Thruway	Sunday, Monday	Oct. 30, 31, 2022
Holiday Science and Technology Days	Rochester Museum and	TBD	TBD

RADIO CLUB OF AMERICA ANNOUNCES 2022 AWARD RECIPIENTS

The Radio Club of America (RCA) has announced its 2022 award recipients, including amateur radio operator Edward M. Gable, K2MP. The 2022 awards and Fellows ceremonies will be held at the RCA Awards Banquet in the Atlanta, Georgia, Hyatt Regency on November 19, 2022.



Edward M. Gable, K2MP, is the RCA Barry Goldwater Amateur Radio Award recipient. This award recognizes significant achievements of excellence in the Amateur Radio field. Ed was first licensed in 1957, as WN2MPM. Ed really enjoyed his novice days where CW came easily to him and his first home brew single tube, 6L6 transmitter, not only served him well but also steered him into a lifelong career in radio communications. Ed's working career was mostly with Harris Corporation, in Rochester, NY, where he spent 32 years working on HF high powered transmitters, receivers, antenna couplers, and during the exciting NASA Apollo program days, on their Unified S-Band Communications System. Unlike many, he never lost interest in ham radio even through less than ideal times for ham shack construction be it in college dorms, army barracks, or those first apartment dwellings, Ed always found a way to get on-the-air. While in the Army, stationed in Northern Italy, he signed I1DFD and obtained a W2MPM/M1 license to operate in the nearby Republic of San Marino. In 1977, Ed selected the callsign K2MP from a list of calls available within the FCC for Extra Class operators and has used that call for the latter part of his sixty-six year ham career. Never forgetting the help he received from fellow amateurs over the years, and firmly believing in paying back favors, Ed dived into joining and helping ham

radio organizations and accepting many leadership roles with a special interest in training, lecturing and writing. As Director of Licensing Classes for the Rochester Amateur Radio Association, Ed annually taught two classes of some fifty students per class, and over time personally brought over one-thousand newly licensed hams into our service as a result. Ed finds CW DX'ing a favorite activity where he has worked all ARRL Entities and 9BDXCC. He needs just one valid QSL card (Crozet) for Top of the ARRL DXCC Honor Roll status. He has earned the ARRL Satellite Achievement Award, the Mode J Club Satellite Award, The ARRL 600 Club Award, VUCC, WAZ, WAS and has held positions as ARRL Assistant Director Atlantic Division. He is a member of the A1 Operator Club, FISTS, the Amateur Radio Lighthouse Society and for many Years was Assistant Radio Officer for Monroe County (NY) RACES. He is a Charter Life Member of the ARRL. Ed also supported the Army MARS program as AAR2FH and won the New York State Army MARS Accommodation Award for his work during Operation Desert Storm. Mr. Gable is the only Radio Amateur to have been selected twice as the Atlantic Division Radio Amateur of the Year for years 1981 and 1999. At the early age of 55, Ed enacted a goal of his and retired from industry to pursue a long-time plan to devote time and energy to his love of the history of technology. An opportunity occurred when the position of Curator with the Antique Wireless Association Museum became available which he accepted and ran with for the next twenty years. Now, as Curator Emeritus, Ed has most recently coordinated the AWA's 100 year on-air celebration of the 1921 Transatlantic Tests, still enjoys teaching and sharing by being involved with an AWA incentive involving STEM classes and will be involved with the installation of a new Ham Shack addition to the AWA Museum building. Other international awards include the Houck Award for Historical Preservation, The J.P. Taylor Award for the Preservation of Television History and becoming a Fellow in the Radio Club of America and the Antique Wireless Association. When not playing radio Ed enjoys tooling around in his C6 Corvette and is probably heading to a Lighthouse somewhere.

Content with permission from the ARRL Letter.

CHALLENGE TROPHY CAMPOREE

STEPHEN FELL, K2SRF

The Challenge Trophy Camporee will be held on Saturday, Oct. 22 from 9:00 a.m. until 4:00 p.m. at Camp Babcock-Hovey, 7294 County Road 132, Ovid, NY. This event normally has around 1,000 scouts at the camp from 7 different BSA Councils, Canadian Troops and Girl Scout Troops.

There will be OCF dipole setup with a 3-way splitter for 20m, 40m and 80m. Two FT-897D radios and a 2m FT-2900 will be available for use. Please come down and demonstrate to the scouts what you like about ham radio. If you are interested, please email K2SRF@rochester.rr.com.

DON'T JUDGE A BOOK BY ITS COVER

DON KISER, AC2EV

Our story begins somewhere in the year 2007, the actual date isn't as important as that of the event occurring.

For it was on this day Brian O'Connor (KA2CGB) made a trip to Ohio to visit a friend. It was at this time Brian became in possession of a rather unassuming Heathkit SB200 that had "been in his (friend's) barn for a long time", Mr. O'Connor recounted to me, one fine evening, via electronic mail exchange. It was destined to be modified for 6 meters but little did Brian know that day would never come. It was somewhere in Brian's domicile that the SB200 sat. Untouched, year after year. Eventually, it came to live in the corner of a RARA storage unit, long forgotten until the year 2022.

In June of 2022 the SB200 was placed on the free table at the RARA Hamfest. It sat there for some time as passersby dismissed its unaesthetic appearance. The faceplate was long removed of its namesake manufacturer, let alone any identifying marks. It's paint long forgotten and only known to those with the keenest of memory.

There was one gentleman who passed by the table only glancing at the poor thing but he looked at it several times throughout the day.

This is his story.

I came upon the boat anchor noticing it several times throughout the day. It was near the end of the day that I decided to take the thing home. The faceplate barely had any paint left. I knew it to be a Heathkit but wasn't sure exactly what it was. "It's an amplifier", Brian said. "They're good for modifying for 6 meters", he added. I was curious and decided to take it home.



As you can see it was a long way from being on the air again. I was delighted that the tubes were still there and appeared intact. Upon closer inspection I discovered that all that dust and grime was mostly superficial.

Time to do some research. What is a SB200? I watched numerous videos, obtained PDF copies of the assembly manual. Etc.



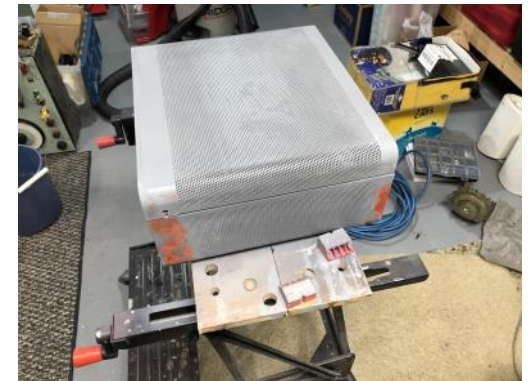
This is where I warn you that vacuum tube devices, especially amplifiers can have plate voltages in the area of 2KV and higher. You should take precautions when working around High Voltages.

Since lead times have been extended, it was off to [Harbach Electronics](#) to bring this rig up to standards. I purchased the new power supply board, soft-start for said power supply, and the soft-key mod so that My Elecraft K3 could key it without blowing itself up. While the Elecraft K3 can key an amplifier up to 200VDC it cannot do the -200VDC required by the SB200.

After copious amounts of contact cleaner, alcohol (denatured and medicinal), canned air, and agitation the first cleaning was complete. It's starting to look better but definitely not ready to go on the air. It would take many more cleanings, disassembly, cleaning, and polishing, and cleaning again to get the unit like new.



I cleaned up the case and painted it a "matte deep gray". Along the way I repaired the dents and dings to give it a better than new look.



Along with the previously mentioned updates, I also replaced the original fans with 2 120VAC 80mm fans capable of 43CFM each, no sense in converting to DC and creating a possible noise source if I don't have to. All the capacitors were replaced with new. The resistors were replaced with the appropriate type. The parasitic suppressors were NOS carbon composition to keep the top looking period correctish and other compositions can cause issues. The visible aluminum surfaces were cleaned, sanded, and polished. A new HV wire was installed good for 45KV. A new 12 AWG 20 amp cord set was added.

During my restoration I found that the amplifier was last serviced on 12/3/86 as evidenced by the etching left behind. Sadly, there was not a callsign.

The variable capacitors and inductors were in really good shape. There was no sign of pitting or previous high voltage arc over. Likewise the ceramic band select switch while tarnished did not have any evidence of arc over either.

Here's the bottom of the amplifier after cleaning and upgrades. Keep in mind, at this time of the restoration, I still have no idea if this amp even works. *Crossing Fingers*



After several weeks of restoration I was finally ready to flip the switch and see if the SB200 would come to life.

IT'S ALIVE! Well, at least the filament voltage is good. And hey no smoke, even better.



The basic checks were performed per the manual and then the amp set for the better part of a couple weeks.

During this time I procured a dummy load from John Cunliffe (W7ZQ)—thank you. I purchased a high voltage DC probe and a donor Fluke 87V after placing my probe on the wrong resistor.

I was finally able to test the amplifier. And with 100w of input the amplifier puts out ~~588~~ 600 watts! It's now waiting for its on-air debut.



The project was a success! All-in-all I was surprised how simple the design of this amplifier is. I did get lucky that its ugliness was only superficial. The meter still working was a plus as these are near Unobtainium. The tubes are in perfect condition. The project cost about \$250 to complete, a bargain any day.

Oh and if you are wondering about how that faceplate turned out so great. It's a sticker. You can buy them on eBay for about ½ the cost of a new faceplate.

I now urge you, the reader, to take on that project sitting in the corner collecting dust.

Link to Google Photos: <https://photos.app.goo.gl/CraYUbrQy9m8HUbdA>

2022 ILLW WRAP UP

DAVE TIMMONS, W2DST

On August 20-21, several club members participated in the 25th anniversary of International Lighthouse Lightship weekend at the Charlotte-Genesee Lighthouse. On Friday afternoon a group of members arrived to help lay out our operating positions for the weekend then raise three antennas. One fiberglass mast was raised on the lighthouse lawn, and utilizing available resources, two OCF dipoles and one 20M end fed were supported by a flagpole, tree, basketball hoop, and of course, a lighthouse!

Special event station K2R went on the air Saturday morning with great weather for operating outdoors. It reached 90 degrees at the airport, but lake breezes made it much more comfortable at our location overlooking the harbor area. 2022 is the 200th anniversary for the Charlotte-Genesee Lighthouse and several visitors stopped by to tour the historic landmark and learn a little about amateur radio. In addition to the club radio, some members brought their own radios to use with the event antennas. George Adams, K4GWA, operated from his self-contained go kit that generated much interest.


Despite the weather forecast and some early morning rain, a good turnout of RARA members arrived on Sunday to start making QSOs under clearing skies. After a slow start, propagation improved and WB2PAY soon found himself working a pileup on 20 meters. At one point during the day, we had 4 stations on the air on four different bands and all logged contacts. We closed the logbooks on Sunday with QSOs from 23 states plus DX from Belize and Italy.

The lighthouse board of directors thanked us for holding this event on these historic grounds and extended an open invitation to return. Lighthouse trustee Tommy Borrelli provided us with very nice lighthouse bicentennial QSO cards to mark this special event.

I want to thank the many RARA members who helped with setup, operating, chatting with visitors, and packing up on Sunday. Special thanks to my co-coordinator, Elmer and friend, Tim Brown, WB2PAY.

This was, I believe, the 7th year I have coordinated this event since 2014 and I am moving on to other projects. If you are interested in coordinating our participation in ILLW next year, please contact a RARA board member. It's fun, it's easy, and I've provided a process document for the next coordinator.





K2R
ILLW LH# US0101

**PART OF THE
2022
BICENTENNIAL
EVENT**

LOCATED ON THE GENESEE RIVER AND LAKE ONTARIO
Rochester, New York

THANKS TO ILLW COORDINATOR DAVE TIMMONS, W2DST

MIKE MOORE, KC2NM

The RARA board of directors extends its thanks to Dave Timmons W2DST for his service as coordinator of the International Lighthouse Lightship Weekend (ILLW). Dave started the local ILLW operation with Tim Brown WB2PAY in 2014. This year is the 25th anniversary of ILLW, a two-day event for amateur radio operators of all experience levels to set up stations at lighthouses and lightships around the world. In addition to logging QSOs with other ILLW stations and lighthouse hunters, it is a great way to introduce amateur radio to lighthouse visitors. Our ILLW operation was held at the Charlotte-Genesee Lighthouse honoring this Rochester treasure.

RARA is seeking a coordinator for the 2023 ILLW. We have a complete set of documents listing what is needed to plan and execute the event. This job involves reserving the club radios and antennas, coordinating with the Charlotte-Genesee Lighthouse volunteers, and recruiting and scheduling operators. Please consider stepping up to coordinate this activity next year. You may inform any of the club officers or directors of your interest or ask questions.

HOW SOTA AND POTA HELPED US TRY DIFFERENT MODES AND BANDS

MIKE KENNERKNECHT, N2MAK

Saturday afternoon, Sept. 10, 2022, I did my first Summits on the Air (SOTA) with my son Ben (W2BMK) and our friend Michael Panzica (W2NVP). All three of us enjoy doing Parks on the Air (POTA) and we had been wanting to do a SOTA sometime this year.

We chose the Bare Hill Unique Area (summit W2WE-098), on the eastside of Canandaigua Lake. I had already done a POTA activation (park reference K-5098) there last fall and was familiar with it, but I was on a lower trail to get a better view of the lake and did not know at the time about the summit.

We thought it'd be fun to do it during the ARRL September VHF Contest too, so we aimed to get to the summit around 2:00 p.m., for the start of the contest. We would be up 1,500+ feet, which would work to our advantage, especially with VHF.

The last time I was at Bare Hill for POTA, I was able to make a 30-mile 2m simplex contact with Bill KD2YEI on 146.52MHz using my 5w Yaesu FT-4XR HT. It happened to be Bill's first simplex contact, as he had just passed his Technician exam one week prior.

In addition to our HTs, we brought Michael's ICOM IC-705. While we'd be oper-

ating QRP, we'd have the opportunity to do 2m SSB, something none of us had ever done before.

The night before, in what I refer to now as "Dipoles After Dark," I made 2m and 6m speaker wire dipoles. These were very basic builds, but fun to do and a good learning experience, since some mistakes were made in the process.

The day of our adventure, we had beautiful weather. The hike in from the parking lot was about 20 minutes and wasn't difficult for us—even with all the gear in our backpacks.

We started off on 2m FM simplex using my Ed Fong roll-up J-pole antenna up in a tree and Michael's IC-705 and were able to make some contacts right away. We switched our antenna for the 2m speaker wire dipole I made and James N2JMH was the first 2m SSB contact for all 3 of us.

When we let James know we also had 1.25m capability, he QSY'ed to 223.5MHz and worked us there too. We were just using my 5w BTECH triband HT with a role-up J-pole (cut for 1.25m) up in a tree, but it made the contact just fine.

Unfortunately, 6m was not the magic band for us this time out. We tried using the speaker wire dipole I made for SSB and a ¼-wave ground-mounted vertical for FM, but we didn't have any luck.

We switched to HF and used my Weaver throw line and weight to get a 40m EFHW antenna up in a tree. This was the KM4ACK kit antenna and the very first antenna I ever built (last summer).

Unfortunately, with it being a big contest weekend on HF, we had a hard time finding a clear frequency. And as soon as we did, it didn't take long for someone to come in on top of us and take over the frequency.

However, we did manage to get Christian F4WBN in France with just 10w on 20m. We ended up hunting some other POTA activators for a few park-to-park (P2P) contacts in GA, ID, IN, and PA.

While we only ended the day with 13 contacts in 2.5 hours, we had a fun adventure and learned by experimenting with new antennas on different bands and modes. I've found a few more locations within a reasonable driving distance that are both SOTA and POTA parks, so I'm looking forward to more activations like this again.



N2MAK building and tuning antennas in the middle of the night.



Michael W2NVP making a contact on 146.52MHz



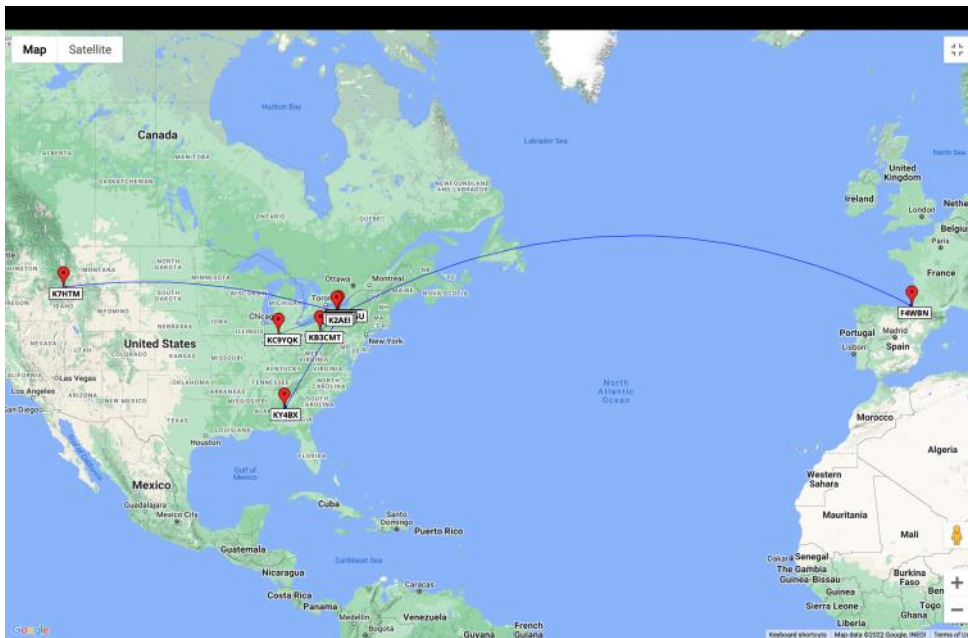
Finished speaker wire dipoles for the 2m and 6m bands.



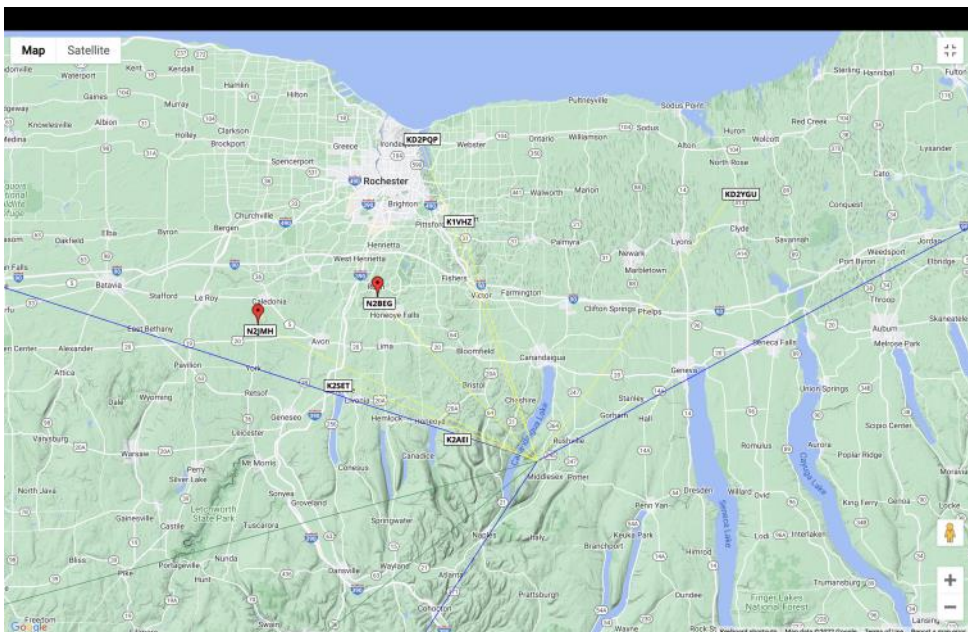
Ben W2BMK makes a contact on 223.5MHz using a triband HT and role-up J-pole



(L-R) Mike N2MAK, Ben W2BMK and Michael W2NVP after a successful SO-TA and POTA activation at Bare Hill.



We made 5 HF contacts on 20m and 40m from ID to France and down to GA with just 10 watts



We made 8 local VHF contacts on 1.25m

PUMPKIN PATROL QSO PARTY / YEAR 3

Ev TUPIS, W2EV

Amateur radio's annual public service event to assure minimum shenanigans on the New York State Thruway bridges will commence on Halloween weekend at the end of October. Here is our chance to support the efforts of bridge volunteers, even if we aren't directly taking part.

Each year, there has been a 1-hour "QSO Party" designed to make contact with "Bridgies". These are mobile operators, staffing bridges with the blessing of the State Troopers, to assure pumpkins stay on porches or in pie filling. Home stations from across the region are encouraged to make contact with as many Bridgies as possible on SIMPLEX (not through a repeater) during that hour.

There is more detail coming in next month's issue of the RARA Rag. In the meantime, as you listen to repeater-based QSO's "switch to the input" and see if you can hear the other stations that are using the repeater. You may be amazed what sort of range you have (especially if you are at home, with an outside antenna).

Between now and then, put up an outside antenna! Seriously. Something as simple as a vertical dipole (yes, dipoles work on 2 meters, too!) hung from a porch or tree branch can increase your range exponentially over an HT and rubber duck. By the way, it doesn't have to be perfectly vertical, either.

Get ready to support ARES, RACES and our Bridgies during an hour of the evening when they can use a little dose of adrenaline. More info coming in next month's RARA Rag which should come out just before the PPQP...er...I mean the Pumpkin Patrol goes into action.

Silent Key

Alan Komenski
AC2K
August 23, 2022

Silent Key

Don Hammond
AC2CC
August 23, 2022

Silent Key

George Lloyd
N2UIO
August 25, 2022

2022 RARA ANNUAL AUCTION

BRIAN O'CONNOR, KA2CGB



The RARA Annual Auction returns on Wednesday, 2 November! Look around your Shack, Workbench, Closet or Garage for that Radio, Antenna, Tuner, Tool, Test Instrument or Accessory that another ham can put to good use.

Some basics — The auction is a members-only event (members may bring one guest), so please renew your membership online if

you haven't done so already. Our vice president and membership secretary, Tim Barrett, K9VB, will be at the entrance checking membership, and will help members renew if they were unable to do so in advance.

RARA will be offering donated items such as HF and VHF/UHF transceivers, antennas and power supplies.

You are welcome to bring three items that may be of interest to a fellow ham. Each item should be clearly labeled with three important pieces of information: (1) your name & call; (2) description (make and model); (3) condition (is it working?); and (4) your desired starting price. The "Auction Item Description" form will be included in the next Rag and will also be available as a PDF for download on the RARA web site.

2022 NEW YORK QSO PARTY

RUS HEALY, K2UA, AND KEN BOASI, N2ZN

Save the date! The 2022 NYQP will take place on the third weekend in October: Oct. 15, 2022

Bottom Line, Up Front

When: Oct. 15, 10:00 a.m. to 10:00 p.m. EST

Who: All Amateur Radio stations inside and outside New York State

Where: All Amateur bands except for 30, 17, and 12 meters

Modes: CW, phone, and RTTY/digital

Why: Compete or participate—your choice—with hundreds of other stations! Certificates and plaques available for category winners.

Log submissions are due 2 weeks after the contest and must be submitted in Cabrillo format to <https://nyqp.contesting.com/nyqpsubmitlog.php>

For those familiar with the NYQP, you know that the rules have been unchanged

for a number of years. We are excited to announce that NYQP is getting a face lift for 2022! We've made a number of changes for 2022, all of which are designed to contribute to making NYQP more fun, to encourage more ops to get on the air for NYQP, and to make the contest more fun for every entrant.

Please see the full rules at <https://nyqp.org/wordpress/nyqp-rules/>

The changes are summarized on the rules page, with a bit more detail here:

1. **Added the Portable class.** We recognize that many operators make special trips for NYQP that may not fit well into another operating category. We want to recognize these ops for their efforts and encourage more portable activity for NYQP.

2. **Added county line operation for Portable and Mobile entrants.** County line operation has become widely accepted in state QSO parties, because it gives single-operator mobiles the opportunity to activate more counties, makes it possible for all entrants a better chance to work all New York counties in the contest, and makes the contest more fun. It makes log checking more interesting, too, and it adds work for the logging software vendors—so be sure to thank your logging software providers (most of whom are volunteers) for their work to support these features.

3. **Expanded the former Mobile class to include Multi-Single and Multi-Multi classes.** As more mobile operators take to the roads for NYQP, we want to allow the mobile ranks to expand while providing an opportunity for mobiles to choose a transmitter class that matches their ambition for the contest.

4. **Added self-spotting for Mobile and Portable classes only.** One of the main challenges for mobile and portable operators who change location is getting the word out about where to find them. Again, in the interest of providing more people the opportunity to work more counties and more NYQP operators, it was time to add this option for the Mobile and Portable operator classes. We encourage people not to overuse this capability—please be good self-spotting citizens.

5. **Updated overlays and special classes** (School is now an entry class rather than an overlay, which aligns better with other contests and logging platforms).

Changed our log submission platform from email to use nyqp.contesting.com. Log submission, log checking, logs-received list, and self-service certificate printing are some of the benefits of this move. This change is part of a significant modernization of our log checking process, which will allow us to get the results out much faster.

We look forward to working everyone on Oct. 15 in NYQP 2022!

ROCHESTER MAKER FAIRE ON NOV. 19

MIKE MOORE, KC2NM

George Adams, K4GWA, and Jon Dickason, N2JAC will have a booth at this year's Maker Faire to share the amateur radio hobby. The event is from 9:00 a.m. to 5:00 p.m. on Saturday, Nov. 19 and will be held in the Riverside Convention Center at 123 E. Main St. in Rochester.

They are requesting a location that will allow an outside antenna overlooking the river if the booth is close enough and also hope to be located near the soldering station to help them with their program. Both RARA and MC ARES banners will be on display.

They are looking to get up to 8 total people to volunteer (experience soldering is a plus). Volunteers can also display anything they have made recently—George has a couple of battery packs and go-kits that he will show off.

Please contact email them at cq@k4gwa.net or jondickason@yahoo.com if you are interested in helping out. Additional information about the event can be found online at <https://rochester.makerfaire.com/>.



MORE ILLW PHOTOS

DAVE WILSON, WA2HOY



RAGS OF THE PAST

ED GABLE, K2MP, RARA HISTORIAN

20 Years Ago, October 2002

Two old timers are back again with this issue, they being John (Van) Vangriethuysen N2BNE and John Gilly W3OAB, speaking on their favorite subject, Scouting and JOTA, or Jamboree on-the-Air. This year they reported a new location to be used and that being Camp Cutler approximately 45 minutes south of Rochester in the Finger Lakes region. John and Van further reported that this is a challenging event for the Camp Cutler infrastructure and more volunteer Scout Leaders are welcome.

At this time the RARA Meetings were held at 8:00 p.m. in the Henrietta Fire Hall. We heard from George Masny KA2GPJ, writing to tell of new E-Mail Reflectors available for use now by interested Amateurs. First, George defined the term E-Mail Reflector by comparing it to a bulletin board except in this case via the internet and not radio. Featured and available now and at no charge via Yahoo Groups, were the following Boards: "RochesterSpecial Events", "RARA - general", "wny-radio-scouts" and "RadioCoaches" a special group who are teaching electronics to 6th Graders at Thomas Jefferson Middle School and moderated by Jon Dickerson N2JAC.

Speaking of Radio Coaches, we also heard from Keith Freeberg N2BEL (sk) on the subject where he reported plans for the coming year by this RARA assisted group are going well. The kids from the Thomas Jefferson Middle School will be building code practice sets with a kit designed by the coaches. New to the Coaches team this year were Jim DiTucci N2IXD and Dave Holman KE3HF.

The Rochester Amateur Packet Society, with club Call KB2WYA, told readers that they are still active and the current topic of their users at this time is "nodes." You can learn more by attending their monthly meetings at 111 Westfall Road and/or visit www.ggw.org/raps. Note: The link is no longer active.

Professor Bill Hopkins, AA2YV, started this Rag article by confessing to a crime, that of stealing pumpkins from the neighboring Grinsinger farm as a young lad. Bill went on the say "farmer Grinsinger needed a "Pumpkin Patrol!" Now having been in operation for over twenty-years, your Pumpkin Patrol is much different and involves RARA members, in co-operation local police agencies, watching inter-state roadway overpasses for pranksters dropping pumpkins onto the roads below and possibly causing serious damage. Then and now, use the contact information in your Rag to call and volunteer yourself and your two meter FM radio.


This issue found an old friend to RARA, RRRA and area amateurs in general, Mr. Ray Pickens WA2MYG (sk). At this time Ray was writing news of the just started RARA License Classes. The huge success, over the years, of this most important RARA function, was suddenly hampered by the loss of the 111 Westfall Road class rooms. Heroic efforts brought a new location at the Monroe County Hospital building where classes were signed up for Extra and General theory classes as well a high demand for CW.

We also learned from Brad Allen KB2CHY (sk) writing for the Rochester Radio Repeater Association (RRRA) of new features on local repeaters. Highlighted were a new remote base on the 440 Mhz repeater and a new auto-patch controller on 146.88.

Again from Keith Freeberg N2BEL (sk) was his reporting on the Walk for Diabetes public service event held on October 19th. This year the popular event was held on the trendy six mile walk encompassing Rochester's Park Avenue where a dozen RARA volunteers provided communications.

With regret Steve Woodard KD2K, and G. Edward Eisman W2SPQ, were reported as silent keys.

There were no personal Want Ads in this issue. A new commercial advertiser was Finger Lakes Radio at 3259 Winton Road South, offering Radio sales and service to the Amateur market.



the **RARA RAG**

Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL.55 OCTOBER 2002 NO. 2

Doing JOTA This Year

John VanGriethuysen, N2BNE
John M. Gilly, W3OAB

For the Monroe County area this year, JOTA will be held at the J. Warren Cutler Scout Reservation (JWCSR) during the Otetiana Council 2002 Challenge Trophy Camporee that will be held on Oct. 18, 19, and 20, 2002. This is the 4th annual series in the Challenge Trophy Camporee. Camp Cutler is located approximately 45 minutes south of Rochester, NY in the Finger Lakes region. Boy Scout Troops, Venturer Crews and 2nd year Webelos may attend for the entire weekend. Crews, Troops, Webelos and Cubs may attend on a Saturday Day Pass and participate in the events. They also need senior youths to step forward and become staff.

There are a few things to remember:

- A)—This event will be taxing the maximum capacity of Camp Cutler's infrastructure
- B)—Arrivals will be on Friday evening with hundreds of cars heading for two tiny entrances off poorly Lit rural roads.
- C)—There is spotty cell phone coverage and poor response from emergency services
- D)—Many drivers will be coming for the

Continued on page 3

RARA's New Domain Name

Please bookmark our new internet address: www.rochesterham.org. Are you a Rochester ham? Bug our website monthly To check up on the most current events. The old URL still works, but, no guarantee in the future. Note: **rochesterham** is one Word. Capitalization may work with most web browsers.

E-Mail Reflector? QRK?

George Masny, KA2GPJ

By now you've heard the term "E-Mail Reflector" at least a couple of times. You've probably wondered: "What is an "E-Mail Reflector?" I'm glad you asked that question!

The E-Mail Reflector is a feature offered by Yahoo! Groups. What is "Yahoo Groups?" Well, . . . it's not radio - it's on the Internet. It is a modern version of the bulletin board: a free service that allows one to bring together family, friends and associates through a web site and email group. It offers a convenient way to connect with others who share the same interests and ideas. It's free to both members and moderators. If you have an Internet account, you can use it! Their service is advertiser-supported and is partially sponsored by advertisements inserted into the email messages you receive.

Here is a list of the four groups mentioned at the meeting:

RochesterSpecialEvents

This newsgroup is sponsored by the Rochester (NY) Amateur Radio Association and is open to all. It deals with ideas and planning of

continued on page 4

RARA MEETING

OCTOBER 4, 2002
8:00 PM
HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.
JOTA
(Jamboree On The Air)
PRESENTED BY
JOHN N2BNE and JOHN W3OAB

October 1982, was not an easy time for RARA as their normal meeting venues became increasingly unavailable. An old favorite spot was used for this meeting, but you need to be an old timer to remember that space as the Monroe County Farm and Home Center on Highland Avenue. That spot was only available for one month, so stay tuned.

The program for that evening was a talk by Roland Schindler who, at that time, was really ahead of the game with his program titled Amateur Radio Applications of Microprocessors.

It has been a long time coming but after months of work the new K2JD RARA Club station is open for business at the new 111 Westfall Road location, previously at the closing Iola Complex. October 23, saw an open house complete with demonstrations of three operating stations and a refreshment table.

Even though the opening of a new club ham station is relatively rare, this issue saw two such announcements as Dave Rubin N3CKH, told of the formation of a new ham station located at the Jewish Community Center on Edgewood Avenue.

We heard from Jim O'Brien K2UDP, RARA's Public Relations Director, who shared that we need to thank Paul Tanner WA2MVK and Bob Erskin W2NVZ (sk) for their volunteer work on generating a very professional RARA/Ham Radio Public Service announcement which found TV on-air time with many local stations.

Writing for the RRRA was Ed Neubauer N2BXA, who reported that their latest meet was a visit to the WROC-TV transmitter site hosted by WA2FZU, AI2M, WB2LAX and W2YPR. Our local DX folks over at the Rochester DX Association (RDXA) enjoyed visiting N2OO who reported on his recently completed DX-pedition to 9M6 land, reported Rick Berg KS2F.

New to town and employment at Harris/RF, was Dan Pedtke WB9EAE, who also jumped right into local amateur activity by accepting Chairmanship of the Rochester VHF Group. Dan urged everyone to be active in the upcoming ARRL VHF contest, which traditionally is a very active RVHFG activity, and help out Bill Gillete WB2KIW, the new Contest Chairman.

A new commercial advertiser was DX Communications, of nearby West Seneca, NY, providing a selection of new and used ham gear. From the Want Ads you could by an E-Z Way crank up tower from Jerry Barlow K2EUR (sk).

The RARA RAG

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NO. 2

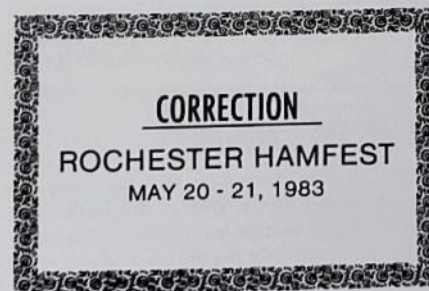
OCTOBER 1st MEETING AT FARM AND HOME CENTER

The October RaRa meeting will be at a very familiar location for many of us, the Monroe County Farm and Home Center, 249 Highland Avenue, between Goodman and South Avenue. We hope that as of our January meeting, we will have a permanent meeting place so that we will not have to hopscotch around town so much from month to month. If you have any ideas, please contact one of the officers or board members. Of course, the November meeting will be our annual auction at the Police and Fire Academy, and the December meeting will be our annual joint meeting with the Kodak Park ARC at Kodak Park.

The October 1st meeting will start promptly at 8 p.m. The program will be on *Amateur Applications of Microcomputers* by Roland Schindler.

SIMULATED EMERGENCY TEST: OCTOBER 16 IN ROCHESTER

The RaRa RACES/ARES/OEP group will be conducting the annual Simulated Emergency Test as usual on Saturday, October 16th. Be monitoring the 28/88 repeater that morning to find out all the details. In the meantime, brush-up on your traffic handling procedures and net procedures. Try to make yourself available to participate even if for just a little while.



AWA CONFERENCE — SEPTEMBER 29, 30, OCTOBER 1, 2, and 3

The 21st annual National Conference of the Antique Wireless Association is taking place as you read this, the rest of this week and weekend at the Sheraton Inn in Canandaigua.

The Wednesday activities are limited to early-bird registration, and of course, the opening of the AWA Museum in East Bloomfield from 7 to 10 p.m. On Thursday there is the outdoor flea market, an indoor flea market, a Junior Wireless Club seminar and exhibit, at 3 p.m. and a vacuum tube seminar at 8 p.m.

On Friday there will be the AWA Amateur Meeting at 9 a.m., a show on Radio Astronomy at 10 a.m., a program called "*Lightning Slingers*" on the development of semi-automatic keys at 11 a.m., and a special luncheon at noontime. The general auction starts at 1 p.m. There will be a dinner and special entertainment in the evening.

Activity on Saturday will start at 9 a.m. with a program on the development of the Federal Receiver. DeForest: 1906 - 1919 will start at 10 a.m. and Niagara Falls Power Plants will be presented at 11 a.m. Philco Receivers will be presented at 1:30 p.m. and a "*Show and Tell*" with Mel Comer will start at 2:30 p.m. The annual AWA banquet will conclude the formal activities at 7 p.m.

K2JD OPEN HOUSE OCTOBER 23rd

The club will conduct an open house at the K2JD club station, 111 Westfall Road on October 23, Sunday afternoon, from noon to 5 p.m. As you know, the club station was moved from its old home in the Iola complex last year when the Monroe County Office of Emergency Preparedness moved to the County Health and Welfare Building. The station now has more comfortable quarters, and is again available 24 hours a day 7 days a week to those members checked-out on the station equipment. All members are encouraged to come down to inspect THEIR station and to bring their family and friends as well.

VE TEAM

Testing takes place on the 3rd Saturday September - April

Dates for 2022: 11/19, 12/17

Dates for 2023: 1/21, 2/18, 3/18, 4/15

Testing Location

RIT

Rochester Institute of Technology

Building 16 -Schmitt Interfaith Center

43.08402626755475, -77.6734520379509

- Easiest path is from Parking Lot D it can be accessed from West Jefferson Rd via Andrews Memorial Dr or Lowenthal Rd
- From parking lot D walk south up the ramp to the Schmitt Interfaith Center.
- Once inside there is an elevator over to your left or stairs in front of you. Go to the first floor and you will find the Skalny room.

Please Note: this room cannot be accessed from the door under the bridge.

Pre-registration is required visit:

<https://hamstudy.org/sessions/14612/inperson> to find the latest session.

More information is available on the RARA website:

https://rochesterham.org/license_testing.htm

Applicants must supply their own pen, pencil, calculator

Testing begins at 10:00AM.

Also Note: The exam is free however the FCC now charges \$35 for applications. This fee is NOT paid to the VE team. It is paid directly to the FCC. You will receive an email from the FCC when your application is processed. We will also have an information sheet available

VE's Needed

We are looking for 2 or 3 amateur EXTRA class licensees to help out during our testing sessions.

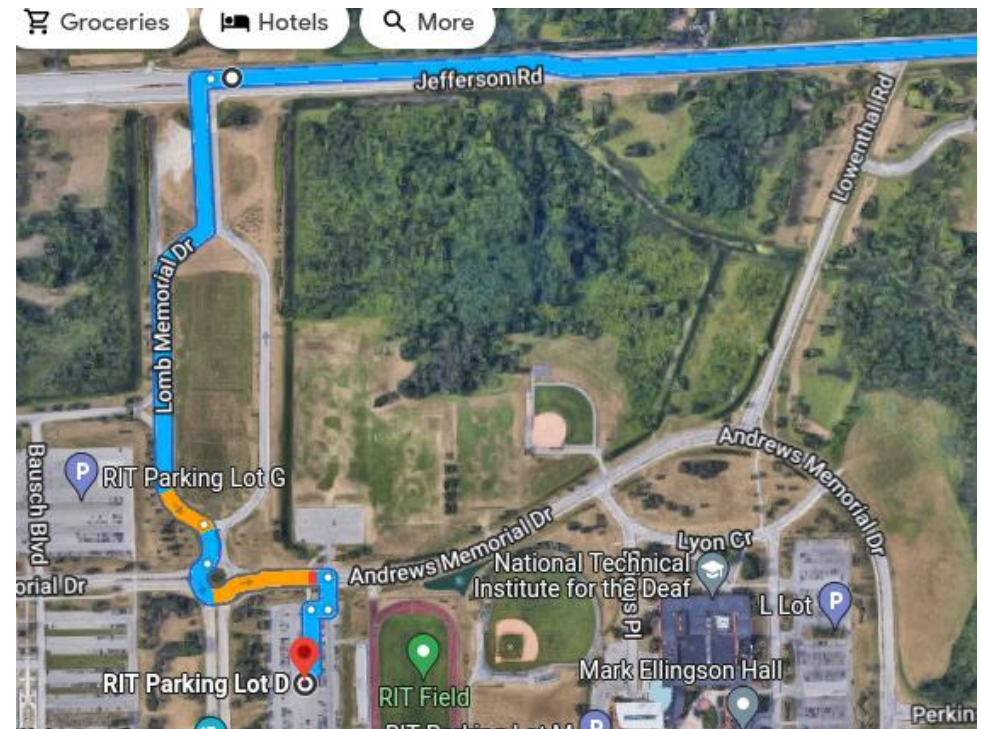
We have sessions once a month at RIT.

Contact AC2EV for an application.

dkiser100@gmail.com

Joseph Abbate III	TBD	T	Kenneth Anderson	TBD	T
Kyri Christensen	TBD	T	Maxwell Fusco	TBD	T
Duncan Harris	AD2EJ	E	Ross McKee	TBD	T
Matthew Miller	TBD	T	Bailey Powers	TBD	T
Mary Strodl	TBD	T	Michael Vaughan	TBD	T
Anthony Ioppolo	TBD	T	Brayden Werner	KD2YDL	G
Bradley Harker	TBD	T			

New licensees' names are in BOLD



NEWS FROM AREA CLUBS

MONROE COUNTY ARES / RACES News

Monroe County Amateur Radio Emergency Service (ARES)® is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.



The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. Anyone interested, members and non-members, are welcome to attend.

Until further notice, our meetings are via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to: secretary@monroecountymcomm.org.

Monroe County ARES/RACES meets on the air every Thursday of the month at 7:00 PM, on the N2MPE 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC.

There is no net on nights when we hold our regular meeting, generally on the 4th Thursday of the month.

WEB: www.monroecountymcomm.org

Facebook: Monroe County Amateur Radio Emergency Service, Inc.

Twitter @MCARESNY

Severe Weather Alerts: Winter may bring severe weather in the form of heavy snowstorms, strong winds, and flooding. If you experience severe weather, especially when accompanied by damage to property in your area, listen to your local ARES/RACES repeaters for information. While official ARES/RACES activation could be a possibility, it is more important that we open a spontaneous net simply to share information about weather conditions in your immediate area. Don't wait for someone else to do it. Pick up the microphone and start a net. Have each check-in station give you a situational awareness report and emergency power report. If you don't have a copy of the directed net protocol, you can find one at the WEB address listed above. (Activities/ARES Net/ Net Script/ Downloads). We encourage all amateur radio operators to take a free Skywarn TM class offered by the National Weather Service. The schedule of classes can be found at <https://www.weather.gov/buf/skywarn>

Monroe County ARES
George Adams IV, Net Control - cq@k4gwa.net

ROCHESTER DX Association, RDXA

Please check our website www.rdxa.com for up-to-date information regarding meeting locations and requirements, if any.



ROCHESTER RADIO REPEATER ASSOCIATION

The Rochester Radio Repeater Association (RRRA) will be having its regular meeting on Oct. 21, 7:30 p.m. at the Pittsford Town Hall meeting room in the basement. The entrance is in the back of the building.

We are still looking for a club Secretary. If you wish to apply, please contact one of the listed club officers or show up at a regular meeting. The current club officers for September are Bob Shewell, N2HJD, President; Bob Odell, N2BZX, Vice President; and Bob Smith, NS2B, Treasurer & Membership Chairman.

RRRA also accepts donations to the club. If you are not currently a member and want to support RRRA, you can join at our monthly meeting or on our web site using PayPal. Stay tuned to our web site www.k2rra.org for current information.

XRX AMATEUR RADIO CLUB

The XRX Amateur Radio Club is not having in-person meetings at this time. We are having online meetings usually on the second Thursday of the months Sept-June. Get the latest updates at <http://xarc.us>

ROCHESTER VHF GROUP

You are invited to join us on-line & on-the-air! We're here to help you to use the license that you worked so hard to get.



Check out what we do by visiting our website at <http://RVHFG.org> to start.

Join our e-mail group by sending a message to RVHFG+subscribe@groups.io.

Join our weekly on-the-air nets on SSB:
2 meter band - Monday 9 PM 144.260 USB
6 meter band - Thursday 9 PM 50.205 USB

No VHF SSB radio (yet) to join the nets?
Log-in to Echolink ka2ene-L #23426

We can help to answer the question, "What radio should I buy?" Here's a list of HF+++ radios, those with the HF bands and at least three VHF bands, giving you access to all sorts of VHF fun. Research each one to see which serves you best. Ask questions on our email list. We're here to help!

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

Some are older models and some are newer models, but all provide access to the 6 meter, 2 meter, and 70 centimeter bands using both traditional FM and the exciting narrow-band SSB mode that supports unexpectedly long-distance (100's of km's routinely and 1,000's of km occasionally) VHF communication. These are good all-around radios no matter what club you end up affiliating with later. We hope its us.

AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER, ARAST

Currently, ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month except February at the same location. Both organizations serve amateurs in Chemung, Steuben and Schuyler counties in New York and Bradford and Tioga counties in Pennsylvania. All are welcome to attend our meetings.

NOTE: Both CCARES and ARAST monthly meetings are now being held both in person and online. Check out the Upcoming Events at our website, www.arast.info, for the latest details.

Don't forget to check out our repeaters when you visit the area. N3AQ 147.36(+) and the W2ZJ 146.70(-) are the principal 2-meter repeaters. The latter can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters that can be heard in the Twin Tiers area surrounding Chemung County can be found at http://www.arast.info/arast_website/public/repeaters.php.

We also invite you to check out our new 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. The net usually lasts approximately one hour. Operators are encouraged to check in and participate in the round table discussions or simply stop by from time to time. Topics are wide-reaching and are not confined to 6 meters--although discussions tend to center around 6-meter equipment, antennas, propagation, latest band openings and grid squares worked, as well as AM, FM and FT-8 use of the 6-meter band. We would welcome more participation from the western part of our area.

COMMUNITY AMATEUR RADIO CLUB, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refreshers period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

DIGITAL COMMUNICATIONS ASSOCIATION OF PERINTON, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non-club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

DRUMLINS AMATEUR RADIO CLUB

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is <http://drumlinsarc.us/>

KEUKA LAKE AMATEUR RADIO ASSOCIATION, KLARA

The Keuka Lake Amateur Radio Association will be working the Wineglass Marathon on Oct 2, 2022.

We had a great Hamfest and wish to thank all who participated. It was great to see so many tailgaters, and people coming to see us! The Breakfast was a hit as always and everyone was happy with the door prizes. Thank you all.

Our next meeting is Oct 14, 2022 and in November it is the 9th. Join us on Monday through Friday morning HF net on 3.896MHz, with check-in at 8:30 a.m. and the net starting 8:45 a.m. On Sunday nights is our 2 meter net at 7:00 p.m. We are on the KLARA Repeater system and on Echolink at N2AAR-R. You don't need to be a member of KLARA to participate and we have trivia each time after check-ins.

Sept, 14 is election of officers so watch our website for updates. www.klara.us

ORLEANS COUNTY AMATEUR RADIO CLUB

The Orleans County ARC meets every 2nd Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website <http://ocarc.us> or contact club Secretary Ron Craig, N5BNO for more information.

SKENOH ISLAND AMATEUR RADIO CLUB, SIARC

The Skenoh Island Amateur Radio Club (SIARC) meets every second Wednesday of the month at 7:30 p.m. at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have license exam testing every other month which begins at 6:30 p.m. The next meeting will be on Wednesday Oct. 12. There will not be license testing at this meeting. SIARC is also holding a Health and Welfare Net Monday through Friday each week at 20:00 hours on the SIARC 146.820 repeater (located in Canandaigua, NY), Tone 110.9. This net is to pass along general information and keep hams in touch. All hams are invited to participate.

Check the SIARC website for updates. <http://www.siarc.us/>

THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

THE RADIO AMATEUR IS:

CONSIDERATE	Never knowingly operating in such a way as to lessen the pleasure of others.
LOYAL	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
PROGRESSIVE	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
FRIENDLY	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
BALANCED	Radio is an avocation, never interfering with duties owed to family, job, school or community.
PATRIOTIC	With station and skill always ready for service to country and community.

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www.easywayhambooks.co
m/index.cfm](https://www.easywayhambooks.com/index.cfm)

RARA OFFICERS, DIRECTORS AND COORDINATORS

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West Side Amateur Radio Club

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NOVEMBER RAG DEADLINE

OCTOBER 15, 2022

**RARA MEETS AT 7PM ON THE FIRST
WEDNESDAY OF EACH MONTH.**

**JOIN US IN PERSON
OR
ONLINE AT:**

<https://attendee.gotowebinar.com/register/5107329793415214094>

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